Amendments to the Claims

1. – 81. (Canceled)

82.   (Currently Amended) In a television network, a terminal for providing television program information and television programs, said terminal comprising:

a memory configured for storing a first data and a second data, said first data including respective program information for a plurality of corresponding television programs, said second data different than the first data, said second data comprising a channel table that includes a plurality of assigned channel categories to television channels, wherein the channel table includes a listing of a plurality of channels and a ~~plurality of~~ respective bit mask ~~fields~~ for each channel, ~~the plurality of respective bit fields~~ each bit mask ~~including~~ comprising a plurality of single bits with each bit of the bit mask set at one of a plurality of respective values, wherein ~~at least one~~ each bit of the bit mask [[bits]] refers to a predetermined category and wherein the respective ~~values indicate~~ value at which each bit is set indicates whether or not the predetermined category corresponding to that bit is ~~at least one category~~ assigned to the respective ~~channels~~ channel; and

a processor, coupled to the memory, the processor configured to simultaneously search at least a portion of the channel table for data related to at least one channel to which a category is assigned and causing the display of at least one television program, the processor further configured to receive selection of a channel category and, in response to receiving selection of the channel category, provide program information associated with the at least one channel to which the selected channel category is assigned.

83.   (Currently Amended) The terminal of claim 82, wherein the processor is further configured to cause display of program information corresponding to a first portion of the first data, said first portion of the first data corresponding to at least one television channel being determined by [[a]] the corresponding assigned category in the second data.

84.   (Previously Presented) The terminal of claim 82, wherein the processor causes the display of said first portion of the first data in a browse banner according to a browse banner

configuration, said browse banner including identification information of the at least one television channel and the program information corresponding to said first portion of the first data.

85.   (Previously Presented) The terminal of claim 84, wherein the processor causes the display of the browse banner on top of a portion of a first television program being displayed responsive to receiving an input signal corresponding to an initial activation of a browse command.

86.   (Previously Presented) The terminal of claim 84, wherein responsive to receiving an input signal corresponding to an initial activation of a browse command, the processor causes the display of the browse banner to replace a second portion of the first data being displayed, said second portion of the first data being displayed according to a display configuration different than the browse banner configuration.

87.   (Previously Presented) The terminal of claim 84, wherein the processor further causes the display of the corresponding assigned category to said at least one television channel in the browser banner.

88.   (Previously Presented) The terminal of claim 87, wherein the display of the corresponding assigned category in the browser banner is responsive to a user selection from one from a plurality of categories.

89.   (Previously Presented) The terminal of claim 88, wherein at least a portion of the plurality of categories are provided to a user with the displayed browser banner.

90.   (Previously Presented) The terminal of claim 84, wherein the displayed browse banner includes a graphical representation of navigation keys used on a user input device to browse the program information corresponding to the at least one television channel being determined by the corresponding assigned category in the second data.

91.   (Previously Presented) The terminal of claim 85, further comprising the processor blocking the tuning of television channels different than the at least one television channel being determined by the corresponding assigned category in the second data.

92.   (Currently Amended) The terminal of claim 82, wherein the processor restricts channel tuning to only the at least one channel being determined by [[a]] the corresponding assigned category in the second data.

93.   (Previously Presented) The terminal of claim 92, wherein the at least one channel is a plurality of channels corresponding to the assigned category in the second data and the processor causes the channel tuning to only said plurality of based on an order of said plurality of channels determined by a user sorted listing of said pluralities of channels.

94.   (Previously Presented) The terminal of claim 82, wherein at least one television channel being determined by a corresponding assigned category in the second data has two assigned categories.

95.   (Currently Amended) In a television network, a terminal for providing television program information and television programs, said terminal comprising:

an interface to the television network, said interface configured for receiving a first data and a second data, said first data including respective program information for a plurality of corresponding television programs, said second data comprising a channel table, wherein the channel table includes a listing of a plurality of channels and a ~~plurality of~~ respective bit mask ~~fields~~ for each channel, ~~the plurality of respective bit fields~~ each bit mask ~~including~~ comprising a plurality of single bits with each bit of the bit mask set at one of a plurality of respective values, wherein ~~at least one~~ each bit of the bit mask [[bits]] refers to a predetermined category and wherein the respective ~~values indicate~~ value at which each bit is set indicates whether or not the predetermined category corresponding to that bit is ~~at least one category~~ assigned to the respective ~~channels~~ channel; and

a processor, configured to simultaneously search at least a portion of the channel table for data related to at least one channel to which a category is assigned and display at least one television program, the processor further configured to receive selection of a channel category and, in response to receiving selection of the channel category, provide program information associated with at least one channel to which the selected category is assigned.

96.   (Currently Amended) The terminal of claim 95, wherein [[the]] a first category corresponds to local television channels.

97.   (Previously Presented) The terminal of claim 95, wherein the processor is further configured for causing the display of program information in the first data, said program information corresponding to television programs being provided by at least a portion of the plurality of television channels said at least portion of the plurality of television channels being determined by a corresponding association to a first category in the second data.

98.   (Currently Amended) In a television network, a terminal for providing television program information and television programs, said terminal comprising:

a memory configured for storing respective program information for a plurality of corresponding television programs and a channel table that includes respective associations of one or more channel categories for a plurality of corresponding television channels, wherein the channel table includes a listing of a plurality of channels and a ~~plurality of~~ respective bit mask fields for each channel, ~~the plurality of respective bit fields~~ each bit mask ~~including~~ comprising a plurality of single bits with each bit of the bit mask set at one of a plurality of respective values, wherein ~~at least one~~ each bit of the bit mask [[bits]] refers to a predetermined category and wherein the respective ~~values indicate~~ value at which each bit is set indicates whether or not the predetermined category corresponding to that bit is ~~at least one category~~ assigned to the respective ~~channels~~ channel; and

a processor, coupled to the memory, for causing the display of a browse banner on top of a portion of a first television program being displayed responsive to receiving an initial activation of a browse command, said browse banner comprising first program information,

said first program information corresponding to a second television program different than the first television program, wherein the processor causes the display of said browse banner on top of the first television program without providing the second television program, the processor further configured for simultaneously searching at least a portion of the channel table for data related to at least one channel to which a category is assigned and causing display at least one television program, said processor further configured to receive a selection of a channel category and, in response to receiving selection of the channel category, provide program information associated with at least one channel to which the selected category is assigned.

99.   (Previously Presented) The terminal of claim 98, wherein at least one association of one category to a corresponding television channel corresponds to local television channels.

100.   (Previously Presented) In a television network, a terminal for providing television program information and television programs, said terminal comprising:

        a memory configured for storing respective program information for a plurality of corresponding television programs and a channel table that includes a bit field signifying a plurality of television channel categories, each television channel category being associated with a corresponding plurality of television channels, wherein the channel table includes a listing of a plurality of channels and a ~~plurality of~~ respective bit <u>mask</u> ~~fields~~ <u>for each channel</u>, ~~the plurality of respective bit fields~~ <u>each bit mask</u> ~~including~~ <u>comprising</u> a plurality of <u>single</u> bits with <u>each bit of the bit mask set at one of</u> a plurality of respective values, wherein ~~at least one~~ <u>each bit</u> of the <u>bit mask</u> [[bits]] refers to a predetermined category and wherein the respective ~~values indicate~~ <u>value at which each bit is set indicates whether or not the predetermined category corresponding to that bit is</u> ~~at least one category~~ assigned to the respective ~~channels~~ <u>channel</u>; and

        a processor coupled to the memory, said processor configured to:

            receive a user-selected television channel category, and

            responsive to the receiving the user-selected television channel category, search at least a portion of the channel table and provide program information exclusively for

television programs corresponding to television channels associated with the user-selected television channel category,

wherein the processor is configured for simultaneously searching at least a portion of the channel table and causing the display of at least one television program.

101.   (Previously Presented) The terminal of claim 100, wherein a first television channel category corresponds to local television channels.

102.   (Currently Amended) In a television network, a terminal for providing television program information and television programs, said terminal comprising:

an interface for receiving data from the television network, said interface being capable of receiving a first data and a second data, said first data including respective program information for a plurality of corresponding television programs, said second data comprising a channel table that includes a bit ~~field~~ <u>mask</u> signifying a plurality of channel categories, each channel category being associated with a corresponding plurality of television channels, said plurality of <u>channel</u> categories including a first category; and

a processor configured to:

receive a first user input corresponding to the assignment of the first channel category to a first television channel,

responsive to the receiving the first user input, store the association of the first channel category and the first television channel in the memory,

receive a second user input corresponding to the first channel category,

responsive to the receiving the second user input, simultaneously search at least a portion of the channel table and cause the display of at least one television program,

receive third user input corresponding to selection of a channel category, and

responsive to receiving the third user input, providing program information associated with at least one channel to which the selected channel category is assigned,

wherein the channel table includes a listing of a plurality of channels and a ~~plurality of~~ respective bit <u>mask</u> ~~fields~~ <u>for each channel</u>, ~~the plurality of respective bit fields~~ <u>each bit mask</u> ~~including~~ <u>comprising</u> a plurality of <u>single</u> bits with <u>each bit of the bit mask set at one of</u> a

plurality of respective values, wherein ~~at least one~~ each bit of the bit mask [[bits]] refers to a predetermined category and wherein the respective ~~values indicate~~ value at which each bit is set indicates whether or not the predetermined category corresponding to that bit is ~~at least one category~~ assigned to the respective ~~channels~~ channel.

103.   (Previously Presented) The terminal of claim 102, wherein the first category corresponds to local television channels.

104.   (Currently Amended) In a television network, a terminal for providing television program information and television programs, said terminal comprising:

   a memory configured for storing respective program information for a plurality of corresponding television programs and a channel table that includes a bit field signifying a plurality of television channel categories, each television channel category being associated with a corresponding plurality of television channels, wherein the channel table includes a listing of a plurality of channels and a ~~plurality of~~ respective bit mask ~~fields~~ for each channel, ~~the plurality of respective bit fields~~ each bit mask ~~including~~ comprising a plurality of single bits with each bit of the bit mask set at one of a plurality of respective values, wherein ~~at least one~~ each bit of the bit mask [[bits]] refers to a predetermined category and wherein the respective ~~values indicate~~ value at which each bit is set indicates whether or not the predetermined category corresponding to that bit is ~~at least one category~~ assigned to the respective ~~channels~~ channel; and

   a processor, coupled to the memory, said processor configured to simultaneously search at least a portion of the channel table and cause display of at least one television program, the processor further configured to receive selection of a channel category and provide program information associated with at least one channel to which the selected channel category is assigned.

105.   (Previously Presented) The terminal of claim 104, wherein the television channel category corresponds to local television channels.